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CONFIRMATION NO. 5177

<b>SERIAL NUMBER</b> 09/139,307	<b>FILING OR 371(c) DATE</b> 08/24/1998 <b>RULE</b>	<b>CLASS</b> 347	<b>GROUP ART UNIT</b> 2861	<b>ATTORNEY DOCKET NO.</b> 9281/3130	
<b>APPLICANTS</b> TAKASHI SHIRAKAWA, IWATE-KEN, JAPAN; MASAKAZU KATO, IWATE-KEN, JAPAN;					
<b>** CONTINUING DATA *****</b> This application is a CIP of 08/697,153 08/20/1996 ABN					
<b>** FOREIGN APPLICATIONS *****</b> JAPAN 7-222127 08/30/1995 JAPAN 8-22475 02/08/1996					
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 08/17/1999</b>					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature _____ Initials _____		<b>STATE OR COUNTRY</b> JAPAN	<b>SHEETS DRAWING</b> 6	<b>TOTAL CLAIMS</b> 8	<b>INDEPENDENT CLAIMS</b> 3
<b>ADDRESS</b> 757					
<b>TITLE</b> THERMAL HEAD					
<b>FILING FEE RECEIVED</b> 920	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		